



County of Los Angeles Department of Public Works
Construction Division
BID SUMMARY
(sorted by Unit Price Total)

Project Name: Devil's Gate Dam and Reservoir Sediment Removal

Project ID: WRDM000037

Bids Opened: 7/3/2018

Office Engineer: Hoda Hassan 626-458-4955

Addenda: 4

Duration: 0 Calendar Day(s)

Engineer's Estimate					(1) Griffith Company	(2) W. A. Rasic Construction Company, Inc.	(3) C. A. Rasmussen, Inc.	(4) Security Paving Company, Inc.					
(1) Preliminary Bid Amount					\$66,564,504.25	\$72,724,133.50	\$79,993,880.00	\$83,788,400.50					
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	CONSTRUCTION SCHEDULE (BASELINE) (STIPULATED UNIT PRICE OF \$5000)	1	\$5,000.00	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
2	CONSTRUCTION SCHEDULE (UPDATE) (STIPULATED UNIT PRICE OF \$500/MTH)	36	\$500.00	MTH	\$18,000.00	\$500.00	\$18,000.00	\$500.00	\$18,000.00	\$500.00	\$18,000.00	\$500.00	\$18,000.00
3	CONSTRUCTION SCHEDULE (AS-BUILT) (STIPULATED UNIT PRICE OF \$2,000)	1	\$2,000.00	LS	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
4	PARTNERING (ALLOWANCE OF \$25,000)	25000	\$1.00	AL	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00
5	IMPLEMENTATION OF BMPS	36	\$2,000.00	MTH	\$72,000.00	\$10,000.00	\$360,000.00	\$65,000.00	\$2,340,000.00	\$7,000.00	\$252,000.00	\$24,000.00	\$864,000.00
6	SHORING OF OPEN EXCAVATION (RETAINING WALL)	1	\$30,000.00	LS	\$30,000.00	\$1,000.00	\$1,000.00	\$8,000.00	\$8,000.00	\$15,000.00	\$15,000.00	\$36,000.00	\$36,000.00
7	SHORING OF OPEN EXCAVATION (DRAINAGE)	1	\$5,000.00	LS	\$5,000.00	\$1,000.00	\$1,000.00	\$5,000.00	\$5,000.00	\$18,000.00	\$18,000.00	\$25,000.00	\$25,000.00
8	OFFICE FACILITIES (RESERVOIR)	36	\$1,250.00	MTH	\$45,000.00	\$3,200.00	\$115,200.00	\$15,000.00	\$540,000.00	\$2,600.00	\$93,600.00	\$2,000.00	\$72,000.00
9	OFFICE FACILITIES (MANNING PIT)	36	\$1,250.00	MTH	\$45,000.00	\$3,200.00	\$115,200.00	\$6,000.00	\$216,000.00	\$1,500.00	\$54,000.00	\$2,000.00	\$72,000.00
10	MOBILIZATION (2018)	1	\$125,000.00	LS	\$125,000.00	\$3,520,000.00	\$3,520,000.00	\$500,000.00	\$500,000.00	\$150,000.00	\$150,000.00	\$3,250,360.00	\$3,250,360.00

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11	FUGITIVE DUST CONTROL PLAN (RESERVOIR) (STIPULATED UNIT PRICE OF \$2,500)	1	\$2,500.00	LS	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
12	FUGITIVE DUST CONTROL PLAN (MANNING PIT) (STIPULATED UNIT PRICE OF \$2,500)	1	\$2,500.00	LS	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
13	NOX AND PM10 REDUCTION PLAN (STIPULATED UNIT PRICE OF \$2,500)	1	\$2,500.00	LS	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
14	NOX AND PM10 REDUCTION PLAN UPDATES (STIPULATED UNIT PRICE OF \$500/ MONTH)	36	\$500.00	MTH	\$18,000.00	\$500.00	\$18,000.00	\$500.00	\$18,000.00	\$500.00	\$18,000.00	\$500.00	\$18,000.00
15	TEMPORARY SOUND WALL	305	\$60.00	LF	\$18,300.00	\$500.00	\$152,500.00	\$400.00	\$122,000.00	\$140.00	\$42,700.00	\$500.00	\$152,500.00
16	REMOVE AND DISPOSE TEMPORARY SOUND WALL	305	\$10.00	LF	\$3,050.00	\$55.00	\$16,775.00	\$100.00	\$30,500.00	\$24.00	\$7,320.00	\$88.00	\$26,840.00
17	TRAFFIC CONTROL	1	\$25,000.00	LS	\$25,000.00	\$150,000.00	\$150,000.00	\$1,000,000.00	\$1,000,000.00	\$40,000.00	\$40,000.00	\$900,000.00	\$900,000.00
18	FLASHING ARROW SIGN	2	\$10,000.00	EA	\$20,000.00	\$5,000.00	\$10,000.00	\$10,000.00	\$20,000.00	\$900.00	\$1,800.00	\$1,500.00	\$3,000.00
19	CHANGEABLE MESSAGE SIGN	2	\$10,000.00	EA	\$20,000.00	\$19,000.00	\$38,000.00	\$20,000.00	\$40,000.00	\$1,900.00	\$3,800.00	\$2,200.00	\$4,400.00
20	CITY PERMIT AND INSPECTION FEES (ALLOWANCE OF \$50,000)	50000	\$1.00	AL	\$50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00
21	JOBS COORDINATOR (ALLOWANCE OF \$150,000)	150000	\$1.00	AL	\$150,000.00	\$1.00	\$150,000.00	\$1.00	\$150,000.00	\$1.00	\$150,000.00	\$1.00	\$150,000.00

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Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
22	LOW FLOW CROSSINGS	10	\$75,000.00	EA	\$750,000.00	\$7,500.00	\$75,000.00	\$7,500.00	\$75,000.00	\$13,000.00	\$130,000.00	\$34,000.00	\$340,000.00
23	PREPARATION OF SURFACE WATER DIVERSION PLAN (STIPULATED UNIT PRICE OF \$5,000)	4	\$5,000.00	EA	\$20,000.00	\$5,000.00	\$20,000.00	\$5,000.00	\$20,000.00	\$5,000.00	\$20,000.00	\$5,000.00	\$20,000.00
24	IMPLEMENTATION OF SURFACE WATER DIVERSION PLAN (STIPULATED UNIT PRICE OF \$1,000/MONTH)	32	\$1,000.00	MTH	\$32,000.00	\$1,000.00	\$32,000.00	\$1,000.00	\$32,000.00	\$1,000.00	\$32,000.00	\$1,000.00	\$32,000.00
25	RESERVOIR MOWING	350000	\$1.00	AL	\$350,000.00	\$1.00	\$350,000.00	\$1.00	\$350,000.00	\$1.00	\$350,000.00	\$1.00	\$350,000.00
26	CLEARING AND GRUBBING (ACCESS ROADS)	1	\$50,000.00	LS	\$50,000.00	\$50,000.00	\$50,000.00	\$20,000.00	\$20,000.00	\$60,000.00	\$60,000.00	\$20,000.00	\$20,000.00
27	TREE REMOVAL (6"-12" DIAMETER)	2	\$1,000.00	EA	\$2,000.00	\$500.00	\$1,000.00	\$750.00	\$1,500.00	\$480.00	\$960.00	\$900.00	\$1,800.00
28	TREE REMOVAL (13"-24" DIAMETER)	7	\$1,000.00	EA	\$7,000.00	\$800.00	\$5,600.00	\$1,000.00	\$7,000.00	\$700.00	\$4,900.00	\$1,010.00	\$7,070.00
29	TREE REMOVAL (25"+ DIAMETER)	1	\$1,200.00	EA	\$1,200.00	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00	\$930.00	\$930.00	\$1,200.00	\$1,200.00
30	CONCRETE REMOVAL (NON-REINFORCED)	105	\$150.00	CY	\$15,750.00	\$250.00	\$26,250.00	\$120.00	\$12,600.00	\$47.00	\$4,935.00	\$65.00	\$6,825.00
31	CONCRETE REMOVAL (REINFORCED)	25	\$300.00	CY	\$7,500.00	\$440.00	\$11,000.00	\$500.00	\$12,500.00	\$103.00	\$2,575.00	\$290.00	\$7,250.00
32	UNCLASSIFIED EXCAVATION (ACCESS ROADS)	949	\$50.00	CY	\$47,450.00	\$250.00	\$237,250.00	\$23.00	\$21,827.00	\$8.00	\$7,592.00	\$14.00	\$13,286.00
33	UNCLASSIFIED FILL (ACCESS ROADS)	1820	\$50.00	CY	\$91,000.00	\$70.00	\$127,400.00	\$9.00	\$16,380.00	\$13.00	\$23,660.00	\$7.00	\$12,740.00
34	IMPORTED BORROW	871	\$80.00	CY	\$69,680.00	\$30.00	\$26,130.00	\$14.00	\$12,194.00	\$33.00	\$28,743.00	\$22.00	\$19,162.00
35	CRUSHED MISCELLANEOUS BASE	685	\$60.00	CY	\$41,100.00	\$110.00	\$75,350.00	\$120.00	\$82,200.00	\$44.00	\$30,140.00	\$81.00	\$55,485.00

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Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
36	AC PAVEMENT (ACCESS ROADS)	108	\$100.00	TON	\$10,800.00	\$150.00	\$16,200.00	\$130.00	\$14,040.00	\$120.00	\$12,960.00	\$153.00	\$16,524.00
37	PCC PAVEMENT	359	\$300.00	CY	\$107,700.00	\$415.00	\$148,985.00	\$400.00	\$143,600.00	\$250.00	\$89,750.00	\$375.00	\$134,625.00
38	REINFORCED CONCRETE ACCESS RAMP	86	\$1,200.00	CY	\$103,200.00	\$650.00	\$55,900.00	\$900.00	\$77,400.00	\$400.00	\$34,400.00	\$620.00	\$53,320.00
39	CATCH BASIN PER STD PLAN 300 (MOD), W=7	1	\$9,000.00	EA	\$9,000.00	\$11,000.00	\$11,000.00	\$6,500.00	\$6,500.00	\$15,000.00	\$15,000.00	\$10,400.00	\$10,400.00
40	CATCH BASIN PER STD PLAN 304,1 GRATES	3	\$8,000.00	EA	\$24,000.00	\$8,000.00	\$24,000.00	\$10,500.00	\$31,500.00	\$8,300.00	\$24,900.00	\$5,200.00	\$15,600.00
41	CATCH BASIN PER STD PLAN 304,5 GRATES	1	\$10,000.00	EA	\$10,000.00	\$20,000.00	\$20,000.00	\$18,500.00	\$18,500.00	\$24,000.00	\$24,000.00	\$21,000.00	\$21,000.00
42	JUNCTION STRUCTURE PER STD PLAN 331	3	\$2,000.00	EA	\$6,000.00	\$5,000.00	\$15,000.00	\$1,500.00	\$4,500.00	\$3,300.00	\$9,900.00	\$1,900.00	\$5,700.00
43	REINFORCED CONCRETE RETAINING WALL TYPE 2	23	\$1,200.00	CY	\$27,600.00	\$2,700.00	\$62,100.00	\$1,850.00	\$42,550.00	\$930.00	\$21,390.00	\$1,400.00	\$32,200.00
44	REINFORCED CONCRETE RETAINING WALL TYPE 4	26	\$1,200.00	CY	\$31,200.00	\$3,000.00	\$78,000.00	\$3,450.00	\$89,700.00	\$1,120.00	\$29,120.00	\$1,400.00	\$36,400.00
45	AIR PLACED CONCRETE (INCL WIRE MESH)	13	\$800.00	CY	\$10,400.00	\$900.00	\$11,700.00	\$1,800.00	\$23,400.00	\$1,100.00	\$14,300.00	\$850.00	\$11,050.00
46	PCC CURB, TYPE A1-8	10	\$25.00	LF	\$250.00	\$100.00	\$1,000.00	\$80.00	\$800.00	\$68.00	\$680.00	\$105.00	\$1,050.00
47	PCC CURB & GUTTER PER CITY OF PASADENA STD PLAN S-406 (ACCESS ROADS)	85	\$25.00	LF	\$2,125.00	\$40.00	\$3,400.00	\$50.00	\$4,250.00	\$25.00	\$2,125.00	\$50.00	\$4,250.00
48	18" RCP, 2000 D	73	\$300.00	LF	\$21,900.00	\$200.00	\$14,600.00	\$120.00	\$8,760.00	\$160.00	\$11,680.00	\$190.00	\$13,870.00
49	24" RCP, 2000 D (ACCESS ROADS)	191	\$350.00	LF	\$66,850.00	\$150.00	\$28,650.00	\$130.00	\$24,830.00	\$180.00	\$34,380.00	\$140.00	\$26,740.00
50	ADJUST PIEZOMETER TO FINAL GRADE	1	\$3,000.00	EA	\$3,000.00	\$1,600.00	\$1,600.00	\$2,500.00	\$2,500.00	\$400.00	\$400.00	\$1,900.00	\$1,900.00
51	REMOVE AND REPLACE LACFCD WATER VALVE BOX	1	\$3,000.00	EA	\$3,000.00	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00	\$3,250.00	\$3,250.00	\$1,500.00	\$1,500.00
52	REMOVE PULLBOX	1	\$300.00	EA	\$300.00	\$500.00	\$500.00	\$700.00	\$700.00	\$100.00	\$100.00	\$700.00	\$700.00

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53	REMOVE BOLLARDS (INC. CONC. FOOTING)	5	\$150.00	EA	\$750.00	\$800.00	\$4,000.00	\$250.00	\$1,250.00	\$60.00	\$300.00	\$270.00	\$1,350.00
54	REMOVE PIEZOMETER	2	\$100.00	EA	\$200.00	\$500.00	\$1,000.00	\$2,000.00	\$4,000.00	\$400.00	\$800.00	\$800.00	\$1,600.00
55	REMOVE SURVEY MONUMENT	1	\$150.00	EA	\$150.00	\$1,000.00	\$1,000.00	\$400.00	\$400.00	\$70.00	\$70.00	\$800.00	\$800.00
56	CRASH CUSHION	1	\$50,000.00	LS	\$50,000.00	\$66,000.00	\$66,000.00	\$75,000.00	\$75,000.00	\$60,000.00	\$60,000.00	\$85,600.00	\$85,600.00
57	REMOVE EXISTING CHAIN LINK FENCE	330	\$20.00	LF	\$6,600.00	\$16.00	\$5,280.00	\$10.00	\$3,300.00	\$9.00	\$2,970.00	\$12.00	\$3,960.00
58	CONCRETE REMOVAL (REINFORCED) (CONCRETE DAM)	17	\$250.00	CY	\$4,250.00	\$300.00	\$5,100.00	\$500.00	\$8,500.00	\$320.00	\$5,440.00	\$160.00	\$2,720.00
59	CONCRETE REMOVAL (REINFORCED) (MEDIAN)	10	\$1,000.00	CY	\$10,000.00	\$250.00	\$2,500.00	\$650.00	\$6,500.00	\$310.00	\$3,100.00	\$340.00	\$3,400.00
60	UNCLASSIFIED EXCAVATION (MEDIAN REMOVAL)	84	\$90.00	CY	\$7,560.00	\$120.00	\$10,080.00	\$150.00	\$12,600.00	\$60.00	\$5,040.00	\$60.00	\$5,040.00
61	UNCLASSIFIED EXCAVATION (MEDIAN RESTORATION)	58	\$90.00	CY	\$5,220.00	\$100.00	\$5,800.00	\$125.00	\$7,250.00	\$61.00	\$3,538.00	\$86.00	\$4,988.00
62	CRUSHED MISCELLANEOUS BASE (MEDIAN REMOVAL)	36	\$100.00	CY	\$3,600.00	\$190.00	\$6,840.00	\$70.00	\$2,520.00	\$66.00	\$2,376.00	\$192.00	\$6,912.00
63	CRUSHED MISCELLANEOUS BASE (MEDIAN RESTORATION)	35	\$100.00	CY	\$3,500.00	\$170.00	\$5,950.00	\$70.00	\$2,450.00	\$160.00	\$5,600.00	\$215.00	\$7,525.00
64	AC PAVEMENT (MEDIAN)	71	\$100.00	TON	\$7,100.00	\$250.00	\$17,750.00	\$275.00	\$19,525.00	\$120.00	\$8,520.00	\$163.00	\$11,573.00
65	AC PAVEMENT (PATCH BACK)	16	\$200.00	TON	\$3,200.00	\$400.00	\$6,400.00	\$280.00	\$4,480.00	\$140.00	\$2,240.00	\$260.00	\$4,160.00
66	DRILL AND BOND DOWEL	100	\$50.00	LF	\$5,000.00	\$50.00	\$5,000.00	\$150.00	\$15,000.00	\$38.00	\$3,800.00	\$28.00	\$2,800.00
67	STRUCTURE CONCRETE (MEDIAN)	23	\$1,220.00	CY	\$28,060.00	\$1,100.00	\$25,300.00	\$600.00	\$13,800.00	\$450.00	\$10,350.00	\$1,030.00	\$23,690.00
68	PCC CURB, TYPE C1-6	12	\$25.00	LF	\$300.00	\$75.00	\$900.00	\$125.00	\$1,500.00	\$75.00	\$900.00	\$63.00	\$756.00

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69	PCC CURB & GUTTER PER CITY OF PASADENA STD PLAN S-406 (MEDIAN)	227	\$25.00	LF	\$5,675.00	\$60.00	\$13,620.00	\$50.00	\$11,350.00	\$28.00	\$6,356.00	\$41.00	\$9,307.00
70	CHAIN LINK FENCE, 4' HIGH	80	\$30.00	LF	\$2,400.00	\$155.00	\$12,400.00	\$55.00	\$4,400.00	\$55.00	\$4,400.00	\$150.00	\$12,000.00
71	CHAIN LINK FENCE, 5' HIGH	272	\$40.00	LF	\$10,880.00	\$65.00	\$17,680.00	\$56.00	\$15,232.00	\$53.00	\$14,416.00	\$65.00	\$17,680.00
72	PIPE GATE PER STD PLAN 602, W=16'	2	\$10,000.00	EA	\$20,000.00	\$6,000.00	\$12,000.00	\$1,500.00	\$3,000.00	\$6,500.00	\$13,000.00	\$6,100.00	\$12,200.00
73	PIPE GATE PER STD PLAN 602, W=32'	1	\$10,000.00	EA	\$10,000.00	\$13,000.00	\$13,000.00	\$3,700.00	\$3,700.00	\$8,800.00	\$8,800.00	\$13,200.00	\$13,200.00
74	PIPE GATE PER STD PLAN 602 (MOD), W=42'	1	\$10,000.00	EA	\$10,000.00	\$14,000.00	\$14,000.00	\$5,200.00	\$5,200.00	\$11,200.00	\$11,200.00	\$13,800.00	\$13,800.00
75	REMOVE AND DISPOSE OF EXISTING GUARDRAIL	380	\$20.00	LF	\$7,600.00	\$16.00	\$6,080.00	\$25.00	\$9,500.00	\$9.00	\$3,420.00	\$16.00	\$6,080.00
76	EXPLORATORY EXCAVATION (12" WATER)	1	\$3,000.00	EA	\$3,000.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$22,500.00	\$22,500.00	\$9,100.00	\$9,100.00
77	EXPLORATORY EXCAVATION (12" GAS)	1	\$3,000.00	EA	\$3,000.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$22,500.00	\$22,500.00	\$9,100.00	\$9,100.00
78	DETAIL 22 (TWO-COAT PAINT)	150	\$3.50	LF	\$525.00	\$12.00	\$1,800.00	\$11.00	\$1,650.00	\$5.00	\$750.00	\$6.00	\$900.00
79	DETAIL 29 (TWO-COAT PAINT)	90	\$4.00	LF	\$360.00	\$20.00	\$1,800.00	\$11.00	\$990.00	\$5.00	\$450.00	\$12.00	\$1,080.00
80	DETAIL 32 (TWO-COAT PAINT)	395	\$4.50	LF	\$1,777.50	\$19.00	\$7,505.00	\$11.00	\$4,345.00	\$3.00	\$1,185.00	\$7.00	\$2,765.00
81	DETAIL 38 (TWO-COAT PAINT)	170	\$3.00	LF	\$510.00	\$20.00	\$3,400.00	\$11.00	\$1,870.00	\$5.00	\$850.00	\$4.00	\$680.00
82	PAVEMENT MARKINGS (TWO-COAT PAINT)	52	\$6.00	SF	\$312.00	\$35.00	\$1,820.00	\$11.00	\$572.00	\$12.00	\$624.00	\$6.00	\$312.00
83	12" STRIPING (TWO-COAT PAINT)	90	\$4.00	LF	\$360.00	\$35.00	\$3,150.00	\$11.00	\$990.00	\$3.00	\$270.00	\$6.00	\$540.00
84	REMOVE DETAIL 22	90	\$4.60	LF	\$414.00	\$35.00	\$3,150.00	\$11.00	\$990.00	\$6.00	\$540.00	\$21.00	\$1,890.00
85	REMOVE DETAIL 29	395	\$10.00	LF	\$3,950.00	\$23.00	\$9,085.00	\$11.00	\$4,345.00	\$4.00	\$1,580.00	\$5.00	\$1,975.00

Project Name: Devil's Gate Dam and Reservoir Sediment Removal
Project ID: WRDM000037
Bids Opened: 7/3/2018
Office Engineer: Hoda Hassan 626-458-4955

Addenda: 4
Duration: 0 Calendar Day(s)

Engineer's Estimate					(1) Griffith Company		(2) W. A. Rasic Construction Company, Inc.		(3) C. A. Rasmussen, Inc.		(4) Security Paving Company, Inc.		
(1) Preliminary Bid Amount					\$66,564,504.25		\$72,724,133.50		\$79,993,880.00		\$83,788,400.50		
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
86	SIGN PANEL	27	\$150.00	EA	\$4,050.00	\$250.00	\$6,750.00	\$75.00	\$2,025.00	\$220.00	\$5,940.00	\$105.00	\$2,835.00
87	TIMBER POST, 4" DIA	8	\$150.00	LF	\$1,200.00	\$125.00	\$1,000.00	\$30.00	\$240.00	\$175.00	\$1,400.00	\$10.00	\$80.00
88	FURNISH ONE-POST (ROADSIDE SIGN)	12	\$150.00	EA	\$1,800.00	\$330.00	\$3,960.00	\$100.00	\$1,200.00	\$200.00	\$2,400.00	\$165.00	\$1,980.00
89	INSTALL ONE-POST (ROADSIDE SIGN)	12	\$150.00	EA	\$1,800.00	\$200.00	\$2,400.00	\$225.00	\$2,700.00	\$430.00	\$5,160.00	\$165.00	\$1,980.00
90	INSTALL SIGN (STRAP AND SADDLE BRACKET)	27	\$150.00	EA	\$4,050.00	\$180.00	\$4,860.00	\$230.00	\$6,210.00	\$150.00	\$4,050.00	\$165.00	\$4,455.00
91	INSTALL SIGNS ON BARRICADES/POSTS	8	\$100.00	EA	\$800.00	\$200.00	\$1,600.00	\$1,000.00	\$8,000.00	\$190.00	\$1,520.00	\$165.00	\$1,320.00
92	FOLDABLE SIGN PANEL	8	\$150.00	EA	\$1,200.00	\$450.00	\$3,600.00	\$300.00	\$2,400.00	\$410.00	\$3,280.00	\$165.00	\$1,320.00
93	2'X2' CUSTOM SIGN PANEL	8	\$1,000.00	EA	\$8,000.00	\$700.00	\$5,600.00	\$400.00	\$3,200.00	\$325.00	\$2,600.00	\$220.00	\$1,760.00
94	TYPE I BARRICADE	8	\$550.00	EA	\$4,400.00	\$1,400.00	\$11,200.00	\$250.00	\$2,000.00	\$50.00	\$400.00	\$100.00	\$800.00
95	REMOVE EXISTING METAL HAND RAILINGS	11	\$50.00	LF	\$550.00	\$200.00	\$2,200.00	\$50.00	\$550.00	\$15.00	\$165.00	\$22.00	\$242.00
96	CONCRETE REMOVAL (NON-REINFORCED)	94	\$300.00	CY	\$28,200.00	\$260.00	\$24,440.00	\$160.00	\$15,040.00	\$55.00	\$5,170.00	\$79.00	\$7,426.00
97	CONCRETE REMOVAL (REINFORCED)	157	\$300.00	CY	\$47,100.00	\$280.00	\$43,960.00	\$365.00	\$57,305.00	\$67.00	\$10,519.00	\$104.00	\$16,328.00
98	RIPRAP (LIGHT CLASS)	148	\$110.00	CY	\$16,280.00	\$120.00	\$17,760.00	\$280.00	\$41,440.00	\$180.00	\$26,640.00	\$188.00	\$27,824.00
99	RIPRAP (QUARTER TON CLASS)	149	\$120.00	CY	\$17,880.00	\$120.00	\$17,880.00	\$170.00	\$25,330.00	\$180.00	\$26,820.00	\$115.00	\$17,135.00
100	CONCRETED RIPRAP (LIGHT CLASS)	148	\$200.00	CY	\$29,600.00	\$150.00	\$22,200.00	\$400.00	\$59,200.00	\$490.00	\$72,520.00	\$104.00	\$15,392.00
101	CRUSHED MISCELLANEOUS BASE (MANNING PIT)	4013	\$45.00	CY	\$180,585.00	\$40.00	\$160,520.00	\$115.00	\$461,495.00	\$37.00	\$148,481.00	\$68.00	\$272,884.00
102	AC PAVEMENT (MANNING PIT)	5417	\$100.00	TON	\$541,700.00	\$84.00	\$455,028.00	\$118.00	\$639,206.00	\$100.00	\$541,700.00	\$108.00	\$585,036.00
103	ADJUST MANHOLE	4	\$600.00	EA	\$2,400.00	\$1,000.00	\$4,000.00	\$1,250.00	\$5,000.00	\$2,250.00	\$9,000.00	\$1,640.00	\$6,560.00
104	REINFORCED CONCRETE OUTLET STRUCTURE	1	\$52,000.00	LS	\$52,000.00	\$90,000.00	\$90,000.00	\$115,000.00	\$115,000.00	\$103,000.00	\$103,000.00	\$66,000.00	\$66,000.00

Project Name: Devil's Gate Dam and Reservoir Sediment Removal
Project ID: WRDM000037
Bids Opened: 7/3/2018
Office Engineer: Hoda Hassan 626-458-4955

Addenda: 4
Duration: 0 Calendar Day(s)

Engineer's Estimate						(1) Griffith Company		(2) W. A. Rasic Construction Company, Inc.		(3) C. A. Rasmussen, Inc.		(4) Security Paving Company, Inc.	
(1) Preliminary Bid Amount						\$66,564,504.25		\$72,724,133.50		\$79,993,880.00		\$83,788,400.50	
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
105	ACCESS RAMP/ROAD DRAIN INLET STRUCTURE	7	\$400.00	EA	\$2,800.00	\$8,000.00	\$56,000.00	\$7,000.00	\$49,000.00	\$8,000.00	\$56,000.00	\$8,900.00	\$62,300.00
106	ACCESS RAMP/ROAD DRAIN OUTLET STRUCTURE	7	\$900.00	EA	\$6,300.00	\$8,000.00	\$56,000.00	\$4,000.00	\$28,000.00	\$10,300.00	\$72,100.00	\$10,300.00	\$72,100.00
107	REINFORCED CONCRETE THRUST BLOCK (SECTION A3-A3)	2	\$8,000.00	EA	\$16,000.00	\$14,000.00	\$28,000.00	\$20,000.00	\$40,000.00	\$16,000.00	\$32,000.00	\$9,700.00	\$19,400.00
108	REINFORCED CONCRETE THRUST BLOCK (SECTION A4-A4)	1	\$4,200.00	EA	\$4,200.00	\$9,000.00	\$9,000.00	\$10,000.00	\$10,000.00	\$13,500.00	\$13,500.00	\$8,700.00	\$8,700.00
109	REINFORCED CONCRETE THRUST BLOCK (DETAIL "A")	1	\$30,000.00	EA	\$30,000.00	\$28,000.00	\$28,000.00	\$75,000.00	\$75,000.00	\$12,500.00	\$12,500.00	\$21,200.00	\$21,200.00
110	AIR PLACED CONCRETE (INCL WIRE MESH) (MANNING PIT)	1156	\$300.00	CY	\$346,800.00	\$400.00	\$462,400.00	\$750.00	\$867,000.00	\$580.00	\$670,480.00	\$520.00	\$601,120.00
111	REMOVE EXISTING METAL DRAIN PIPE	49	\$50.00	LF	\$2,450.00	\$50.00	\$2,450.00	\$50.00	\$2,450.00	\$65.00	\$3,185.00	\$49.00	\$2,401.00
112	REMOVE EXISTING 36" PE PIPE	75	\$20.00	LF	\$1,500.00	\$35.00	\$2,625.00	\$50.00	\$3,750.00	\$70.00	\$5,250.00	\$55.00	\$4,125.00
113	REMOVE EXISTING 36" PE PIPE (DOUBLE)	200	\$25.00	LF	\$5,000.00	\$40.00	\$8,000.00	\$55.00	\$11,000.00	\$80.00	\$16,000.00	\$74.00	\$14,800.00
114	36" POLYETHYLENE SOLID WALL PIPE	64	\$220.00	LF	\$14,080.00	\$400.00	\$25,600.00	\$350.00	\$22,400.00	\$360.00	\$23,040.00	\$168.00	\$10,752.00
115	36" POLYETHYLENE SOLID WALL PIPE (DOUBLE)	384	\$375.00	LF	\$144,000.00	\$550.00	\$211,200.00	\$700.00	\$268,800.00	\$600.00	\$230,400.00	\$297.00	\$114,048.00
116	24" RCP, 2000 D (MANNING PIT)	624	\$500.00	LF	\$312,000.00	\$150.00	\$93,600.00	\$150.00	\$93,600.00	\$125.00	\$78,000.00	\$154.00	\$96,096.00
117	PIPE ANCHOR	28	\$1,500.00	EA	\$42,000.00	\$4,500.00	\$126,000.00	\$2,400.00	\$67,200.00	\$1,900.00	\$53,200.00	\$1,640.00	\$45,920.00
118	MOBILIZATION (2019)	1	\$125,000.00	LS	\$125,000.00	\$200,000.00	\$200,000.00	\$1,300,000.00	\$1,300,000.00	\$2,300,000.00	\$2,300,000.00	\$1,000,000.00	\$1,000,000.00

Project Name: Devil's Gate Dam and Reservoir Sediment Removal
Project ID: WRDM000037
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Office Engineer: Hoda Hassan 626-458-4955

Addenda: 4
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(1) Preliminary Bid Amount						\$66,564,504.25		\$72,724,133.50		\$79,993,880.00		\$83,788,400.50	
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
119	CLEARING AND GRUBBING (RESERVOIR) (2019)	51	\$3,300.00	AC	\$168,300.00	\$22,000.00	\$1,122,000.00	\$25,000.00	\$1,275,000.00	\$37,000.00	\$1,887,000.00	\$25,000.00	\$1,275,000.00
120	ENVIRONMENTALLY SENSITIVE AREA (ESA) FENCING (2019)	12000	\$4.90	LF	\$58,800.00	\$5.50	\$66,000.00	\$6.00	\$72,000.00	\$2.90	\$34,800.00	\$4.40	\$52,800.00
121	REMOVE ESA FENCING (2019)	12000	\$4.90	LF	\$58,800.00	\$1.40	\$16,800.00	\$1.50	\$18,000.00	\$1.00	\$12,000.00	\$0.82	\$9,840.00
122	UNCLASSIFIED EXCAVATION (2019)	831250	\$4.00	TON	\$3,325,000.00	\$2.03	\$1,687,437.50	\$2.60	\$2,161,250.00	\$3.80	\$3,158,750.00	\$2.70	\$2,244,375.00
123	UNCLASSIFIED FILL (MANNING PIT) (2019)	250000	\$7.00	CY	\$1,750,000.00	\$3.75	\$937,500.00	\$6.00	\$1,500,000.00	\$1.30	\$325,000.00	\$7.50	\$1,875,000.00
124	SEPARATION AND DISPOSAL OF ORGANIC MATERIAL AND DEBRIS (2019)	8313	\$45.00	TON	\$374,085.00	\$30.00	\$249,390.00	\$70.00	\$581,910.00	\$66.00	\$548,658.00	\$67.00	\$556,971.00
125	TRANSPORTATION AND DISPOSAL OF MATERIAL (MANNING PIT) (2019)	415625	\$7.25	TON	\$3,013,281.25	\$12.56	\$5,220,250.00	\$11.80	\$4,904,375.00	\$14.50	\$6,026,562.50	\$14.50	\$6,026,562.50
126	TRANSPORTATION AND DISPOSAL OF MATERIAL (SHELDON PIT) (2019)	415625	\$8.25	TON	\$3,428,906.25	\$11.15	\$4,634,218.75	\$10.76	\$4,472,125.00	\$13.10	\$5,444,687.50	\$12.50	\$5,195,312.50
127	STREET SWEEPING (RESERVOIR HAUL ROUTE) (2019)	1440	\$67.00	HRS	\$96,480.00	\$180.00	\$259,200.00	\$130.00	\$187,200.00	\$200.00	\$288,000.00	\$175.00	\$252,000.00
128	STREET SWEEPING (MANNING PIT HAUL ROUTE) (2019)	1440	\$67.00	HRS	\$96,480.00	\$180.00	\$259,200.00	\$130.00	\$187,200.00	\$200.00	\$288,000.00	\$175.00	\$252,000.00
129	TIRE WASHES (2019)	2	\$55,000.00	EA	\$110,000.00	\$25,000.00	\$50,000.00	\$200,000.00	\$400,000.00	\$120,000.00	\$240,000.00	\$108,300.00	\$216,600.00
130	PORTABLE SCALES (2019)	2	\$30,000.00	EA	\$60,000.00	\$150,000.00	\$300,000.00	\$165,000.00	\$330,000.00	\$240,000.00	\$480,000.00	\$109,500.00	\$219,000.00
131	MOBILIZATION (2020)	1	\$125,000.00	LS	\$125,000.00	\$200,000.00	\$200,000.00	\$1,000,000.00	\$1,000,000.00	\$1,700,000.00	\$1,700,000.00	\$1,000,000.00	\$1,000,000.00
132	ENVIRONMENTALLY SENSITIVE AREA (ESA) FENCING (2020)	12000	\$4.90	LF	\$58,800.00	\$5.50	\$66,000.00	\$4.00	\$48,000.00	\$2.90	\$34,800.00	\$4.50	\$54,000.00

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(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
133	REMOVE ESA FENCING (2020)	12000	\$4.90	LF	\$58,800.00	\$1.40	\$16,800.00	\$1.50	\$18,000.00	\$1.00	\$12,000.00	\$0.85	\$10,200.00
134	UNCLASSIFIED EXCAVATION (2020)	831250	\$4.25	TON	\$3,532,812.50	\$2.06	\$1,712,375.00	\$2.22	\$1,845,375.00	\$3.80	\$3,158,750.00	\$2.10	\$1,745,625.00
135	UNCLASSIFIED FILL (MANNING PIT) (2020)	250000	\$7.25	CY	\$1,812,500.00	\$3.82	\$955,000.00	\$6.00	\$1,500,000.00	\$1.30	\$325,000.00	\$7.65	\$1,912,500.00
136	SEPARATION AND DISPOSAL OF ORGANIC MATERIAL AND DEBRIS (2020)	8313	\$45.00	TON	\$374,085.00	\$30.00	\$249,390.00	\$70.00	\$581,910.00	\$67.00	\$556,971.00	\$68.00	\$565,284.00
137	TRANSPORTATION AND DISPOSAL OF MATERIAL (MANNING PIT) (2020)	415625	\$7.50	TON	\$3,117,187.50	\$12.75	\$5,299,218.75	\$12.00	\$4,987,500.00	\$14.70	\$6,109,687.50	\$14.90	\$6,192,812.50
138	TRANSPORTATION AND DISPOSAL OF MATERIAL (SHELDON PIT) (2020)	415625	\$8.50	TON	\$3,532,812.50	\$11.36	\$4,721,500.00	\$11.00	\$4,571,875.00	\$13.10	\$5,444,687.50	\$12.70	\$5,278,437.50
139	STREET SWEEPING (RESERVOIR HAUL ROUTE) (2020)	1440	\$67.00	HRS	\$96,480.00	\$170.00	\$244,800.00	\$135.00	\$194,400.00	\$200.00	\$288,000.00	\$180.00	\$259,200.00
140	STREET SWEEPING (MANNING PIT HAUL ROUTE) (2020)	1440	\$67.00	HRS	\$96,480.00	\$170.00	\$244,800.00	\$135.00	\$194,400.00	\$200.00	\$288,000.00	\$180.00	\$259,200.00
141	TIRE WASHES (2020)	2	\$55,000.00	EA	\$110,000.00	\$20,000.00	\$40,000.00	\$20,000.00	\$40,000.00	\$38,000.00	\$76,000.00	\$111,600.00	\$223,200.00
142	PORTABLE SCALES (2020)	2	\$30,000.00	EA	\$60,000.00	\$150,000.00	\$300,000.00	\$60,000.00	\$120,000.00	\$86,000.00	\$172,000.00	\$112,800.00	\$225,600.00
143	MOBILIZATION (2021)	1	\$125,000.00	LS	\$125,000.00	\$200,000.00	\$200,000.00	\$800,000.00	\$800,000.00	\$1,500,000.00	\$1,500,000.00	\$1,000,000.00	\$1,000,000.00
144	ENVIRONMENTALLY SENSITIVE AREA (ESA) FENCING (2021)	12000	\$4.90	LF	\$58,800.00	\$5.50	\$66,000.00	\$4.00	\$48,000.00	\$2.90	\$34,800.00	\$4.70	\$56,400.00
145	REMOVE ESA FENCING (2021)	12000	\$4.90	LF	\$58,800.00	\$1.40	\$16,800.00	\$1.50	\$18,000.00	\$1.00	\$12,000.00	\$0.88	\$10,560.00
146	UNCLASSIFIED EXCAVATION (2021)	831250	\$4.50	TON	\$3,740,625.00	\$2.13	\$1,770,562.50	\$2.18	\$1,812,125.00	\$3.80	\$3,158,750.00	\$2.20	\$1,828,750.00
147	UNCLASSIFIED FILL (MANNING PIT) (2021)	250000	\$7.50	CY	\$1,875,000.00	\$3.96	\$990,000.00	\$6.00	\$1,500,000.00	\$1.30	\$325,000.00	\$8.00	\$2,000,000.00

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148	SEPARATION AND DISPOSAL OF ORGANIC MATERIAL AND DEBRIS (2021)	8313	\$45.00	TON	\$374,085.00	\$30.00	\$249,390.00	\$70.00	\$581,910.00	\$68.00	\$565,284.00	\$71.00	\$590,223.00
149	TRANSPORTATION AND DISPOSAL OF MATERIAL (MANNING PIT) (2021)	415625	\$7.75	TON	\$3,221,093.75	\$13.06	\$5,428,062.50	\$12.32	\$5,120,500.00	\$14.70	\$6,109,687.50	\$15.30	\$6,359,062.50
150	TRANSPORTATION AND DISPOSAL OF MATERIAL (SHELDON PIT) (2021)	415625	\$8.75	TON	\$3,636,718.75	\$11.67	\$4,850,343.75	\$11.30	\$4,696,562.50	\$13.10	\$5,444,687.50	\$13.20	\$5,486,250.00
151	STREET SWEEPING (RESERVOIR HAUL ROUTE) (2021)	1440	\$67.00	HRS	\$96,480.00	\$170.00	\$244,800.00	\$130.00	\$187,200.00	\$200.00	\$288,000.00	\$185.00	\$266,400.00
152	STREET SWEEPING (MANNING PIT HAUL ROUTE) (2021)	1440	\$67.00	HRS	\$96,480.00	\$170.00	\$244,800.00	\$130.00	\$187,200.00	\$200.00	\$288,000.00	\$185.00	\$266,400.00
153	TIRE WASHES (2021)	2	\$55,000.00	EA	\$110,000.00	\$10,000.00	\$20,000.00	\$20,000.00	\$40,000.00	\$38,000.00	\$76,000.00	\$114,900.00	\$229,800.00
154	PORTABLE SCALES (2021)	2	\$30,000.00	EA	\$60,000.00	\$90,000.00	\$180,000.00	\$60,000.00	\$120,000.00	\$86,000.00	\$172,000.00	\$116,200.00	\$232,400.00
155	MOBILIZATION (2022)	1	\$125,000.00	LS	\$125,000.00	\$200,000.00	\$200,000.00	\$750,000.00	\$750,000.00	\$1,470,000.00	\$1,470,000.00	\$1,000,000.00	\$1,000,000.00
156	CLEARING AND GRUBBING (RESERVOIR) (2022)	14	\$3,300.00	AC	\$46,200.00	\$9,000.00	\$126,000.00	\$25,000.00	\$350,000.00	\$25,000.00	\$350,000.00	\$25,000.00	\$350,000.00
157	ENVIRONMENTALLY SENSITIVE AREA (ESA) FENCING (2022)	12000	\$4.90	LF	\$58,800.00	\$5.50	\$66,000.00	\$4.00	\$48,000.00	\$2.90	\$34,800.00	\$4.80	\$57,600.00
158	REMOVE ESA FENCING (2022)	12000	\$4.90	LF	\$58,800.00	\$1.40	\$16,800.00	\$1.00	\$12,000.00	\$1.00	\$12,000.00	\$0.90	\$10,800.00
159	UNCLASSIFIED EXCAVATION (2022)	831250	\$4.75	TON	\$3,948,437.50	\$2.19	\$1,820,437.50	\$2.18	\$1,812,125.00	\$3.80	\$3,158,750.00	\$2.20	\$1,828,750.00
160	UNCLASSIFIED FILL (MANNING PIT) (2022)	250000	\$7.75	CY	\$1,937,500.00	\$4.06	\$1,015,000.00	\$6.00	\$1,500,000.00	\$1.60	\$400,000.00	\$8.20	\$2,050,000.00
161	SEPARATION AND DISPOSAL OF ORGANIC	8313	\$45.00	TON	\$374,085.00	\$30.00	\$249,390.00	\$70.00	\$581,910.00	\$69.00	\$573,597.00	\$72.00	\$598,536.00

Project Name: Devil's Gate Dam and Reservoir Sediment Removal
Project ID: WRDM000037
Bids Opened: 7/3/2018
Office Engineer: Hoda Hassan 626-458-4955

Addenda: 4
Duration: 0 Calendar Day(s)

Engineer's Estimate						(1) Griffith Company		(2) W. A. Rasic Construction Company, Inc.		(3) C. A. Rasmussen, Inc.		(4) Security Paving Company, Inc.		
(1) Preliminary Bid Amount						\$66,564,504.25		\$72,724,133.50		\$79,993,880.00		\$83,788,400.50		
(2) Unit Price Detail														
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	
	MATERIAL AND DEBRIS (2022)													
162	TRANSPORTATION AND DISPOSAL OF MATERIAL (MANNING PIT) (2022)	415625	\$8.00	TON	\$3,325,000.00	\$13.36	\$5,552,750.00	\$12.60	\$5,236,875.00	\$14.70	\$6,109,687.50	\$15.80	\$6,566,875.00	
163	TRANSPORTATION AND DISPOSAL OF MATERIAL (SHELDON PIT) (2022)	415625	\$9.00	TON	\$3,740,625.00	\$11.96	\$4,970,875.00	\$11.56	\$4,804,625.00	\$13.10	\$5,444,687.50	\$13.80	\$5,735,625.00	
164	STREET SWEEPING (RESERVOIR HAUL ROUTE) (2022)	1440	\$67.00	HRS	\$96,480.00	\$170.00	\$244,800.00	\$130.00	\$187,200.00	\$200.00	\$288,000.00	\$190.00	\$273,600.00	
165	STREET SWEEPING (MANNING PIT HAUL ROUTE) (2022)	1440	\$67.00	HRS	\$96,480.00	\$170.00	\$244,800.00	\$130.00	\$187,200.00	\$200.00	\$288,000.00	\$190.00	\$273,600.00	
166	TIRE WASHES (2022)	2	\$55,000.00	EA	\$110,000.00	\$7,500.00	\$15,000.00	\$20,000.00	\$40,000.00	\$38,000.00	\$76,000.00	\$118,400.00	\$236,800.00	
167	PORTABLE SCALES (2022)	2	\$30,000.00	EA	\$60,000.00	\$80,000.00	\$160,000.00	\$60,000.00	\$120,000.00	\$86,000.00	\$172,000.00	\$119,700.00	\$239,400.00	
Unit Price Total					\$57,763,413.50	\$66,564,504.25		\$72,724,133.50		\$79,993,880.00		\$83,788,400.50		
(3) Local Small Business Enterprise (LSBE) Preference Amount							\$0.00		\$0.00		\$0.00		\$0.00	
(4) LSBE Adjusted Amount							\$66,564,504.25		\$72,724,133.50		\$79,993,880.00		\$83,788,400.50	
Comments						APPARENT LOW BIDDER								



County of Los Angeles Department of Public Works
Construction Division
BID SUMMARY
(sorted by Unit Price Total)

Project Name: Devil's Gate Dam and Reservoir Sediment Removal

Project ID: WRDM000037

Bids Opened: 7/3/2018

Office Engineer: Hoda Hassan 626-458-4955

Addenda: 4
Duration: 0 Calendar Day(s)

Engineer's Estimate						(5) Group OHL USA, Inc.		(6) Tutor Perini Corporation		(7) Sukut Construction, Inc.			
(1) Preliminary Bid Amount						\$91,252,707.50		\$93,757,000.00		\$98,992,436.00			
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	CONSTRUCTION SCHEDULE (BASELINE) (STIPULATED UNIT PRICE OF \$5000)	1	\$5,000.00	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00		
2	CONSTRUCTION SCHEDULE (UPDATE) (STIPULATED UNIT PRICE OF \$500/MTH)	36	\$500.00	MTH	\$18,000.00	\$500.00	\$18,000.00	\$500.00	\$18,000.00	\$500.00	\$18,000.00		
3	CONSTRUCTION SCHEDULE (AS-BUILT) (STIPULATED UNIT PRICE OF \$2,000)	1	\$2,000.00	LS	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00		
4	PARTNERING (ALLOWANCE OF \$25,000)	25000	\$1.00	AL	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00		
5	IMPLEMENTATION OF BMPS	36	\$2,000.00	MTH	\$72,000.00	\$20,000.00	\$720,000.00	\$20,000.00	\$720,000.00	\$11,500.00	\$414,000.00		
6	SHORING OF OPEN EXCAVATION (RETAINING WALL)	1	\$30,000.00	LS	\$30,000.00	\$70,000.00	\$70,000.00	\$350,000.00	\$350,000.00	\$2,000.00	\$2,000.00		
7	SHORING OF OPEN EXCAVATION (DRAINAGE)	1	\$5,000.00	LS	\$5,000.00	\$70,000.00	\$70,000.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00		
8	OFFICE FACILITIES (RESERVOIR)	36	\$1,250.00	MTH	\$45,000.00	\$6,100.00	\$219,600.00	\$3,800.00	\$136,800.00	\$6,800.00	\$244,800.00		
9	OFFICE FACILITIES (MANNING PIT)	36	\$1,250.00	MTH	\$45,000.00	\$6,100.00	\$219,600.00	\$3,800.00	\$136,800.00	\$6,800.00	\$244,800.00		
10	MOBILIZATION (2018)	1	\$125,000.00	LS	\$125,000.00	\$1,000,000.00	\$1,000,000.00	\$1,400,000.00	\$1,400,000.00	\$500,000.00	\$500,000.00		
11	FUGITIVE DUST CONTROL PLAN (RESERVOIR)	1	\$2,500.00	LS	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00		

Project Name: Devil's Gate Dam and Reservoir Sediment Removal
Project ID: WRDM000037
Bids Opened: 7/3/2018
Office Engineer: Hoda Hassan 626-458-4955

Addenda: 4
Duration: 0 Calendar Day(s)

Engineer's Estimate					(5) Group OHL USA, Inc.		(6) Tutor Perini Corporation		(7) Sukut Construction, Inc.				
(1) Preliminary Bid Amount					\$91,252,707.50		\$93,757,000.00		\$98,992,436.00				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
	(STIPULATED UNIT PRICE OF \$2,500)												
12	FUGITIVE DUST CONTROL PLAN (MANNING PIT) (STIPULATED UNIT PRICE OF \$2,500)	1	\$2,500.00	LS	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00		
13	NOX AND PM10 REDUCTION PLAN (STIPULATED UNIT PRICE OF \$2,500)	1	\$2,500.00	LS	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00		
14	NOX AND PM10 REDUCTION PLAN UPDATES (STIPULATED UNIT PRICE OF \$500/MONTH)	36	\$500.00	MTH	\$18,000.00	\$500.00	\$18,000.00	\$500.00	\$18,000.00	\$500.00	\$18,000.00		
15	TEMPORARY SOUND WALL	305	\$60.00	LF	\$18,300.00	\$285.00	\$86,925.00	\$600.00	\$183,000.00	\$550.00	\$167,750.00		
16	REMOVE AND DISPOSE TEMPORARY SOUND WALL	305	\$10.00	LF	\$3,050.00	\$51.00	\$15,555.00	\$140.00	\$42,700.00	\$100.00	\$30,500.00		
17	TRAFFIC CONTROL	1	\$25,000.00	LS	\$25,000.00	\$1,250,000.00	\$1,250,000.00	\$800,000.00	\$800,000.00	\$50,000.00	\$50,000.00		
18	FLASHING ARROW SIGN	2	\$10,000.00	EA	\$20,000.00	\$37,000.00	\$74,000.00	\$13,000.00	\$26,000.00	\$900.00	\$1,800.00		
19	CHANGEABLE MESSAGE SIGN	2	\$10,000.00	EA	\$20,000.00	\$61,000.00	\$122,000.00	\$26,000.00	\$52,000.00	\$1,300.00	\$2,600.00		
20	CITY PERMIT AND INSPECTION FEES (ALLOWANCE OF \$50,000)	50000	\$1.00	AL	\$50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00		
21	JOBS COORDINATOR (ALLOWANCE OF \$150,000)	150000	\$1.00	AL	\$150,000.00	\$1.00	\$150,000.00	\$1.00	\$150,000.00	\$1.00	\$150,000.00		
22	LOW FLOW CROSSINGS	10	\$75,000.00	EA	\$750,000.00	\$18,000.00	\$180,000.00	\$16,800.00	\$168,000.00	\$32,000.00	\$320,000.00		
23	PREPARATION OF SURFACE WATER DIVERSION PLAN (STIPULATED UNIT PRICE OF \$5,000)	4	\$5,000.00	EA	\$20,000.00	\$5,000.00	\$20,000.00	\$5,000.00	\$20,000.00	\$5,000.00	\$20,000.00		
24	IMPLEMENTATION OF SURFACE WATER DIVERSION PLAN (STIPULATED UNIT PRICE OF \$1,000/MONTH)	32	\$1,000.00	MTH	\$32,000.00	\$1,000.00	\$32,000.00	\$1,000.00	\$32,000.00	\$1,000.00	\$32,000.00		

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Addenda: 4
Duration: 0 Calendar Day(s)

Engineer's Estimate					(5) Group OHL USA, Inc.	(6) Tutor Perini Corporation	(7) Sukut Construction, Inc.						
(1) Preliminary Bid Amount					\$91,252,707.50	\$93,757,000.00	\$98,992,436.00						
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
25	RESERVOIR MOWING	350000	\$1.00	AL	\$350,000.00	\$1.00	\$350,000.00	\$1.00	\$350,000.00	\$1.00	\$350,000.00		
26	CLEARING AND GRUBBING (ACCESS ROADS)	1	\$50,000.00	LS	\$50,000.00	\$1,300,000.00	\$1,300,000.00	\$150,000.00	\$150,000.00	\$50,000.00	\$50,000.00		
27	TREE REMOVAL (6"-12" DIAMETER)	2	\$1,000.00	EA	\$2,000.00	\$560.00	\$1,120.00	\$750.00	\$1,500.00	\$900.00	\$1,800.00		
28	TREE REMOVAL (13"-24" DIAMETER)	7	\$1,000.00	EA	\$7,000.00	\$830.00	\$5,810.00	\$1,500.00	\$10,500.00	\$1,700.00	\$11,900.00		
29	TREE REMOVAL (25"+ DIAMETER)	1	\$1,200.00	EA	\$1,200.00	\$1,100.00	\$1,100.00	\$2,500.00	\$2,500.00	\$2,300.00	\$2,300.00		
30	CONCRETE REMOVAL (NON-REINFORCED)	105	\$150.00	CY	\$15,750.00	\$92.00	\$9,660.00	\$230.00	\$24,150.00	\$100.00	\$10,500.00		
31	CONCRETE REMOVAL (REINFORCED)	25	\$300.00	CY	\$7,500.00	\$170.00	\$4,250.00	\$410.00	\$10,250.00	\$121.00	\$3,025.00		
32	UNCLASSIFIED EXCAVATION (ACCESS ROADS)	949	\$50.00	CY	\$47,450.00	\$9.00	\$8,541.00	\$24.00	\$22,776.00	\$13.00	\$12,337.00		
33	UNCLASSIFIED FILL (ACCESS ROADS)	1820	\$50.00	CY	\$91,000.00	\$9.00	\$16,380.00	\$48.00	\$87,360.00	\$0.50	\$910.00		
34	IMPORTED BORROW	871	\$80.00	CY	\$69,680.00	\$13.00	\$11,323.00	\$87.00	\$75,777.00	\$38.00	\$33,098.00		
35	CRUSHED MISCELLANEOUS BASE	685	\$60.00	CY	\$41,100.00	\$95.00	\$65,075.00	\$238.00	\$163,030.00	\$98.00	\$67,130.00		
36	AC PAVEMENT (ACCESS ROADS)	108	\$100.00	TON	\$10,800.00	\$140.00	\$15,120.00	\$750.00	\$81,000.00	\$250.00	\$27,000.00		
37	PCC PAVEMENT	359	\$300.00	CY	\$107,700.00	\$385.00	\$138,215.00	\$1,200.00	\$430,800.00	\$262.00	\$94,058.00		
38	REINFORCED CONCRETE ACCESS RAMP	86	\$1,200.00	CY	\$103,200.00	\$438.00	\$37,668.00	\$730.00	\$62,780.00	\$535.00	\$46,010.00		
39	CATCH BASIN PER STD PLAN 300 (MOD), W=7	1	\$9,000.00	EA	\$9,000.00	\$19,500.00	\$19,500.00	\$12,800.00	\$12,800.00	\$12,000.00	\$12,000.00		
40	CATCH BASIN PER STD PLAN 304,1 GRATES	3	\$8,000.00	EA	\$24,000.00	\$16,800.00	\$50,400.00	\$5,000.00	\$15,000.00	\$7,500.00	\$22,500.00		
41	CATCH BASIN PER STD PLAN 304,5 GRATES	1	\$10,000.00	EA	\$10,000.00	\$20,270.00	\$20,270.00	\$13,800.00	\$13,800.00	\$10,000.00	\$10,000.00		
42	JUNCTION STRUCTURE PER STD PLAN 331	3	\$2,000.00	EA	\$6,000.00	\$18,330.00	\$54,990.00	\$3,300.00	\$9,900.00	\$2,600.00	\$7,800.00		

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Addenda: 4
Duration: 0 Calendar Day(s)

Engineer's Estimate					(5) Group OHL USA, Inc.		(6) Tutor Perini Corporation		(7) Sukut Construction, Inc.				
(1) Preliminary Bid Amount					\$91,252,707.50		\$93,757,000.00		\$98,992,436.00				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
43	REINFORCED CONCRETE RETAINING WALL TYPE 2	23	\$1,200.00	CY	\$27,600.00	\$3,000.00	\$69,000.00	\$1,800.00	\$41,400.00	\$1,500.00	\$34,500.00		
44	REINFORCED CONCRETE RETAINING WALL TYPE 4	26	\$1,200.00	CY	\$31,200.00	\$3,000.00	\$78,000.00	\$1,800.00	\$46,800.00	\$1,800.00	\$46,800.00		
45	AIR PLACED CONCRETE (INCL WIRE MESH)	13	\$800.00	CY	\$10,400.00	\$900.00	\$11,700.00	\$2,430.00	\$31,590.00	\$3,000.00	\$39,000.00		
46	PCC CURB, TYPE A1-8	10	\$25.00	LF	\$250.00	\$190.00	\$1,900.00	\$190.00	\$1,900.00	\$77.00	\$770.00		
47	PCC CURB & GUTTER PER CITY OF PASADENA STD PLAN S-406 (ACCESS ROADS)	85	\$25.00	LF	\$2,125.00	\$120.00	\$10,200.00	\$90.00	\$7,650.00	\$66.00	\$5,610.00		
48	18" RCP, 2000 D	73	\$300.00	LF	\$21,900.00	\$150.00	\$10,950.00	\$180.00	\$13,140.00	\$155.00	\$11,315.00		
49	24" RCP, 2000 D (ACCESS ROADS)	191	\$350.00	LF	\$66,850.00	\$150.00	\$28,650.00	\$140.00	\$26,740.00	\$140.00	\$26,740.00		
50	ADJUST PIEZOMETER TO FINAL GRADE	1	\$3,000.00	EA	\$3,000.00	\$1,560.00	\$1,560.00	\$2,800.00	\$2,800.00	\$1,300.00	\$1,300.00		
51	REMOVE AND REPLACE LACFCD WATER VALVE BOX	1	\$3,000.00	EA	\$3,000.00	\$5,700.00	\$5,700.00	\$2,800.00	\$2,800.00	\$635.00	\$635.00		
52	REMOVE PULLBOX	1	\$300.00	EA	\$300.00	\$1,100.00	\$1,100.00	\$1,500.00	\$1,500.00	\$600.00	\$600.00		
53	REMOVE BOLLARDS (INC. CONC. FOOTING)	5	\$150.00	EA	\$750.00	\$545.00	\$2,725.00	\$320.00	\$1,600.00	\$710.00	\$3,550.00		
54	REMOVE PIEZOMETER	2	\$100.00	EA	\$200.00	\$2,070.00	\$4,140.00	\$1,600.00	\$3,200.00	\$2,200.00	\$4,400.00		
55	REMOVE SURVEY MONUMENT	1	\$150.00	EA	\$150.00	\$1,040.00	\$1,040.00	\$920.00	\$920.00	\$1,500.00	\$1,500.00		
56	CRASH CUSHION	1	\$50,000.00	LS	\$50,000.00	\$13,300.00	\$13,300.00	\$5,000.00	\$5,000.00	\$67,000.00	\$67,000.00		
57	REMOVE EXISTING CHAIN LINK FENCE	330	\$20.00	LF	\$6,600.00	\$10.00	\$3,300.00	\$20.00	\$6,600.00	\$5.00	\$1,650.00		
58	CONCRETE REMOVAL (REINFORCED) (CONCRETE DAM)	17	\$250.00	CY	\$4,250.00	\$1,040.00	\$17,680.00	\$480.00	\$8,160.00	\$230.00	\$3,910.00		
59	CONCRETE REMOVAL (REINFORCED) (MEDIAN)	10	\$1,000.00	CY	\$10,000.00	\$600.00	\$6,000.00	\$800.00	\$8,000.00	\$500.00	\$5,000.00		
60	UNCLASSIFIED EXCAVATION (MEDIAN REMOVAL)	84	\$90.00	CY	\$7,560.00	\$200.00	\$16,800.00	\$72.00	\$6,048.00	\$81.00	\$6,804.00		

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Engineer's Estimate					(5) Group OHL USA, Inc.		(6) Tutor Perini Corporation		(7) Sukut Construction, Inc.				
(1) Preliminary Bid Amount					\$91,252,707.50		\$93,757,000.00		\$98,992,436.00				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
61	UNCLASSIFIED EXCAVATION (MEDIAN RESTORATION)	58	\$90.00	CY	\$5,220.00	\$200.00	\$11,600.00	\$190.00	\$11,020.00	\$150.00	\$8,700.00		
62	CRUSHED MISCELLANEOUS BASE (MEDIAN REMOVAL)	36	\$100.00	CY	\$3,600.00	\$260.00	\$9,360.00	\$160.00	\$5,760.00	\$77.00	\$2,772.00		
63	CRUSHED MISCELLANEOUS BASE (MEDIAN RESTORATION)	35	\$100.00	CY	\$3,500.00	\$270.00	\$9,450.00	\$100.00	\$3,500.00	\$475.00	\$16,625.00		
64	AC PAVEMENT (MEDIAN)	71	\$100.00	TON	\$7,100.00	\$125.00	\$8,875.00	\$250.00	\$17,750.00	\$150.00	\$10,650.00		
65	AC PAVEMENT (PATCH BACK)	16	\$200.00	TON	\$3,200.00	\$160.00	\$2,560.00	\$250.00	\$4,000.00	\$350.00	\$5,600.00		
66	DRILL AND BOND DOWEL	100	\$50.00	LF	\$5,000.00	\$45.00	\$4,500.00	\$50.00	\$5,000.00	\$20.00	\$2,000.00		
67	STRUCTURE CONCRETE (MEDIAN)	23	\$1,220.00	CY	\$28,060.00	\$565.00	\$12,995.00	\$800.00	\$18,400.00	\$500.00	\$11,500.00		
68	PCC CURB, TYPE C1-6	12	\$25.00	LF	\$300.00	\$150.00	\$1,800.00	\$160.00	\$1,920.00	\$66.00	\$792.00		
69	PCC CURB & GUTTER PER CITY OF PASADENA STD PLAN S-406 (MEDIAN)	227	\$25.00	LF	\$5,675.00	\$65.00	\$14,755.00	\$50.00	\$11,350.00	\$30.00	\$6,810.00		
70	CHAIN LINK FENCE, 4' HIGH	80	\$30.00	LF	\$2,400.00	\$20.00	\$1,600.00	\$25.00	\$2,000.00	\$60.00	\$4,800.00		
71	CHAIN LINK FENCE, 5' HIGH	272	\$40.00	LF	\$10,880.00	\$20.00	\$5,440.00	\$30.00	\$8,160.00	\$60.00	\$16,320.00		
72	PIPE GATE PER STD PLAN 602, W=16'	2	\$10,000.00	EA	\$20,000.00	\$7,700.00	\$15,400.00	\$2,000.00	\$4,000.00	\$7,200.00	\$14,400.00		
73	PIPE GATE PER STD PLAN 602, W=32'	1	\$10,000.00	EA	\$10,000.00	\$11,300.00	\$11,300.00	\$2,500.00	\$2,500.00	\$10,000.00	\$10,000.00		
74	PIPE GATE PER STD PLAN 602 (MOD), W=42'	1	\$10,000.00	EA	\$10,000.00	\$15,100.00	\$15,100.00	\$3,500.00	\$3,500.00	\$13,000.00	\$13,000.00		
75	REMOVE AND DISPOSE OF EXISTING GUARDRAIL	380	\$20.00	LF	\$7,600.00	\$32.00	\$12,160.00	\$10.00	\$3,800.00	\$13.00	\$4,940.00		
76	EXPLORATORY EXCAVATION (12" WATER)	1	\$3,000.00	EA	\$3,000.00	\$5,700.00	\$5,700.00	\$5,000.00	\$5,000.00	\$2,200.00	\$2,200.00		
77	EXPLORATORY EXCAVATION (12" GAS)	1	\$3,000.00	EA	\$3,000.00	\$5,700.00	\$5,700.00	\$5,000.00	\$5,000.00	\$2,200.00	\$2,200.00		
78	DETAIL 22 (TWO-COAT PAINT)	150	\$3.50	LF	\$525.00	\$13.00	\$1,950.00	\$3.00	\$450.00	\$13.00	\$1,950.00		

Project Name: Devil's Gate Dam and Reservoir Sediment Removal
Project ID: WRDM000037
Bids Opened: 7/3/2018
Office Engineer: Hoda Hassan 626-458-4955

Addenda: 4
Duration: 0 Calendar Day(s)

Engineer's Estimate					(5) Group OHL USA, Inc.		(6) Tutor Perini Corporation		(7) Sukut Construction, Inc.				
(1) Preliminary Bid Amount					\$91,252,707.50		\$93,757,000.00		\$98,992,436.00				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
79	DETAIL 29 (TWO-COAT PAINT)	90	\$4.00	LF	\$360.00	\$21.00	\$1,890.00	\$3.00	\$270.00	\$20.00	\$1,800.00		
80	DETAIL 32 (TWO-COAT PAINT)	395	\$4.50	LF	\$1,777.50	\$21.00	\$8,295.00	\$3.00	\$1,185.00	\$20.00	\$7,900.00		
81	DETAIL 38 (TWO-COAT PAINT)	170	\$3.00	LF	\$510.00	\$21.00	\$3,570.00	\$3.00	\$510.00	\$20.00	\$3,400.00		
82	PAVEMENT MARKINGS (TWO-COAT PAINT)	52	\$6.00	SF	\$312.00	\$38.00	\$1,976.00	\$5.00	\$260.00	\$37.00	\$1,924.00		
83	12" STRIPING (TWO-COAT PAINT)	90	\$4.00	LF	\$360.00	\$38.00	\$3,420.00	\$5.00	\$450.00	\$37.00	\$3,330.00		
84	REMOVE DETAIL 22	90	\$4.60	LF	\$414.00	\$37.00	\$3,330.00	\$2.00	\$180.00	\$35.00	\$3,150.00		
85	REMOVE DETAIL 29	395	\$10.00	LF	\$3,950.00	\$25.00	\$9,875.00	\$2.00	\$790.00	\$24.00	\$9,480.00		
86	SIGN PANEL	27	\$150.00	EA	\$4,050.00	\$266.00	\$7,182.00	\$150.00	\$4,050.00	\$315.00	\$8,505.00		
87	TIMBER POST, 4" DIA	8	\$150.00	LF	\$1,200.00	\$136.00	\$1,088.00	\$15.00	\$120.00	\$130.00	\$1,040.00		
88	FURNISH ONE-POST (ROADSIDE SIGN)	12	\$150.00	EA	\$1,800.00	\$360.00	\$4,320.00	\$125.00	\$1,500.00	\$350.00	\$4,200.00		
89	INSTALL ONE-POST (ROADSIDE SIGN)	12	\$150.00	EA	\$1,800.00	\$210.00	\$2,520.00	\$125.00	\$1,500.00	\$200.00	\$2,400.00		
90	INSTALL SIGN (STRAP AND SADDLE BRACKET)	27	\$150.00	EA	\$4,050.00	\$200.00	\$5,400.00	\$150.00	\$4,050.00	\$185.00	\$4,995.00		
91	INSTALL SIGNS ON BARRICADES/POSTS	8	\$100.00	EA	\$800.00	\$220.00	\$1,760.00	\$225.00	\$1,800.00	\$210.00	\$1,680.00		
92	FOLDABLE SIGN PANEL	8	\$150.00	EA	\$1,200.00	\$480.00	\$3,840.00	\$100.00	\$800.00	\$500.00	\$4,000.00		
93	2'X2' CUSTOM SIGN PANEL	8	\$1,000.00	EA	\$8,000.00	\$770.00	\$6,160.00	\$125.00	\$1,000.00	\$800.00	\$6,400.00		
94	TYPE I BARRICADE	8	\$550.00	EA	\$4,400.00	\$1,470.00	\$11,760.00	\$100.00	\$800.00	\$1,400.00	\$11,200.00		
95	REMOVE EXISTING METAL HAND RAILINGS	11	\$50.00	LF	\$550.00	\$125.00	\$1,375.00	\$100.00	\$1,100.00	\$105.00	\$1,155.00		
96	CONCRETE REMOVAL (NON-REINFORCED)	94	\$300.00	CY	\$28,200.00	\$100.00	\$9,400.00	\$250.00	\$23,500.00	\$110.00	\$10,340.00		
97	CONCRETE REMOVAL (REINFORCED)	157	\$300.00	CY	\$47,100.00	\$85.00	\$13,345.00	\$330.00	\$51,810.00	\$135.00	\$21,195.00		
98	RIPRAP (LIGHT CLASS)	148	\$110.00	CY	\$16,280.00	\$250.00	\$37,000.00	\$200.00	\$29,600.00	\$145.00	\$21,460.00		
99	RIPRAP (QUARTER TON CLASS)	149	\$120.00	CY	\$17,880.00	\$150.00	\$22,350.00	\$200.00	\$29,800.00	\$200.00	\$29,800.00		

Project Name: Devil's Gate Dam and Reservoir Sediment Removal
Project ID: WRDM000037
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Addenda: 4
Duration: 0 Calendar Day(s)

Engineer's Estimate					(5) Group OHL USA, Inc.		(6) Tutor Perini Corporation		(7) Sukut Construction, Inc.				
(1) Preliminary Bid Amount					\$91,252,707.50		\$93,757,000.00		\$98,992,436.00				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
100	CONCRETED RIPRAP (LIGHT CLASS)	148	\$200.00	CY	\$29,600.00	\$440.00	\$65,120.00	\$250.00	\$37,000.00	\$330.00	\$48,840.00		
101	CRUSHED MISCELLANEOUS BASE (MANNING PIT)	4013	\$45.00	CY	\$180,585.00	\$61.00	\$244,793.00	\$60.00	\$240,780.00	\$90.00	\$361,170.00		
102	AC PAVEMENT (MANNING PIT)	5417	\$100.00	TON	\$541,700.00	\$110.00	\$595,870.00	\$150.00	\$812,550.00	\$117.00	\$633,789.00		
103	ADJUST MANHOLE	4	\$600.00	EA	\$2,400.00	\$1,100.00	\$4,400.00	\$1,800.00	\$7,200.00	\$1,100.00	\$4,400.00		
104	REINFORCED CONCRETE OUTLET STRUCTURE	1	\$52,000.00	LS	\$52,000.00	\$90,000.00	\$90,000.00	\$275,000.00	\$275,000.00	\$12,000.00	\$12,000.00		
105	ACCESS RAMP/ROAD DRAIN INLET STRUCTURE	7	\$400.00	EA	\$2,800.00	\$17,000.00	\$119,000.00	\$5,400.00	\$37,800.00	\$6,000.00	\$42,000.00		
106	ACCESS RAMP/ROAD DRAIN OUTLET STRUCTURE	7	\$900.00	EA	\$6,300.00	\$17,000.00	\$119,000.00	\$5,000.00	\$35,000.00	\$7,300.00	\$51,100.00		
107	REINFORCED CONCRETE THRUST BLOCK (SECTION A3-A3)	2	\$8,000.00	EA	\$16,000.00	\$27,000.00	\$54,000.00	\$14,600.00	\$29,200.00	\$7,900.00	\$15,800.00		
108	REINFORCED CONCRETE THRUST BLOCK (SECTION A4-A4)	1	\$4,200.00	EA	\$4,200.00	\$19,700.00	\$19,700.00	\$9,600.00	\$9,600.00	\$7,000.00	\$7,000.00		
109	REINFORCED CONCRETE THRUST BLOCK (DETAIL "A")	1	\$30,000.00	EA	\$30,000.00	\$24,100.00	\$24,100.00	\$30,000.00	\$30,000.00	\$31,000.00	\$31,000.00		
110	AIR PLACED CONCRETE (INCL WIRE MESH) (MANNING PIT)	1156	\$300.00	CY	\$346,800.00	\$630.00	\$728,280.00	\$564.00	\$651,984.00	\$740.00	\$855,440.00		
111	REMOVE EXISTING METAL DRAIN PIPE	49	\$50.00	LF	\$2,450.00	\$45.00	\$2,205.00	\$100.00	\$4,900.00	\$38.00	\$1,862.00		
112	REMOVE EXISTING 36" PE PIPE	75	\$20.00	LF	\$1,500.00	\$34.00	\$2,550.00	\$140.00	\$10,500.00	\$38.00	\$2,850.00		
113	REMOVE EXISTING 36" PE PIPE (DOUBLE)	200	\$25.00	LF	\$5,000.00	\$28.00	\$5,600.00	\$200.00	\$40,000.00	\$21.00	\$4,200.00		
114	36" POLYETHYLENE SOLID WALL PIPE	64	\$220.00	LF	\$14,080.00	\$280.00	\$17,920.00	\$480.00	\$30,720.00	\$220.00	\$14,080.00		
115	36" POLYETHYLENE SOLID WALL PIPE (DOUBLE)	384	\$375.00	LF	\$144,000.00	\$470.00	\$180,480.00	\$1,200.00	\$460,800.00	\$250.00	\$96,000.00		

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Addenda: 4
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Engineer's Estimate					(5) Group OHL USA, Inc.		(6) Tutor Perini Corporation		(7) Sukut Construction, Inc.				
(1) Preliminary Bid Amount					\$91,252,707.50		\$93,757,000.00		\$98,992,436.00				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
116	24" RCP, 2000 D (MANNING PIT)	624	\$500.00	LF	\$312,000.00	\$118.00	\$73,632.00	\$200.00	\$124,800.00	\$120.00	\$74,880.00		
117	PIPE ANCHOR	28	\$1,500.00	EA	\$42,000.00	\$779.00	\$21,812.00	\$4,000.00	\$112,000.00	\$1,300.00	\$36,400.00		
118	MOBILIZATION (2019)	1	\$125,000.00	LS	\$125,000.00	\$1,900,000.00	\$1,900,000.00	\$3,000,000.00	\$3,000,000.00	\$2,500,000.00	\$2,500,000.00		
119	CLEARING AND GRUBBING (RESERVOIR) (2019)	51	\$3,300.00	AC	\$168,300.00	\$1,000.00	\$51,000.00	\$40,000.00	\$2,040,000.00	\$22,000.00	\$1,122,000.00		
120	ENVIRONMENTALLY SENSITIVE AREA (ESA) FENCING (2019)	12000	\$4.90	LF	\$58,800.00	\$11.00	\$132,000.00	\$4.00	\$48,000.00	\$3.45	\$41,400.00		
121	REMOVE ESA FENCING (2019)	12000	\$4.90	LF	\$58,800.00	\$4.00	\$48,000.00	\$2.00	\$24,000.00	\$1.72	\$20,640.00		
122	UNCLASSIFIED EXCAVATION (2019)	831250	\$4.00	TON	\$3,325,000.00	\$8.00	\$6,650,000.00	\$6.90	\$5,735,625.00	\$5.85	\$4,862,812.50		
123	UNCLASSIFIED FILL (MANNING PIT) (2019)	250000	\$7.00	CY	\$1,750,000.00	\$6.00	\$1,500,000.00	\$9.00	\$2,250,000.00	\$3.70	\$925,000.00		
124	SEPARATION AND DISPOSAL OF ORGANIC MATERIAL AND DEBRIS (2019)	8313	\$45.00	TON	\$374,085.00	\$80.00	\$665,040.00	\$83.00	\$689,979.00	\$100.00	\$831,300.00		
125	TRANSPORTATION AND DISPOSAL OF MATERIAL (MANNING PIT) (2019)	415625	\$7.25	TON	\$3,013,281.25	\$11.50	\$4,779,687.50	\$16.80	\$6,982,500.00	\$17.30	\$7,190,312.50		
126	TRANSPORTATION AND DISPOSAL OF MATERIAL (SHELDON PIT) (2019)	415625	\$8.25	TON	\$3,428,906.25	\$10.50	\$4,364,062.50	\$12.60	\$5,236,875.00	\$15.60	\$6,483,750.00		
127	STREET SWEEPING (RESERVOIR HAUL ROUTE) (2019)	1440	\$67.00	HRS	\$96,480.00	\$135.00	\$194,400.00	\$142.00	\$204,480.00	\$160.00	\$230,400.00		
128	STREET SWEEPING (MANNING PIT HAUL ROUTE) (2019)	1440	\$67.00	HRS	\$96,480.00	\$135.00	\$194,400.00	\$142.00	\$204,480.00	\$160.00	\$230,400.00		
129	TIRE WASHES (2019)	2	\$55,000.00	EA	\$110,000.00	\$110,000.00	\$220,000.00	\$107,000.00	\$214,000.00	\$350,000.00	\$700,000.00		
130	PORTABLE SCALES (2019)	2	\$30,000.00	EA	\$60,000.00	\$69,000.00	\$138,000.00	\$268,000.00	\$536,000.00	\$140,000.00	\$280,000.00		
131	MOBILIZATION (2020)	1	\$125,000.00	LS	\$125,000.00	\$1,900,000.00	\$1,900,000.00	\$2,501,779.00	\$2,501,779.00	\$1,430,000.00	\$1,430,000.00		

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Engineer's Estimate						(5) Group OHL USA, Inc.		(6) Tutor Perini Corporation		(7) Sukut Construction, Inc.			
(1) Preliminary Bid Amount						\$91,252,707.50		\$93,757,000.00		\$98,992,436.00			
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
132	ENVIRONMENTALLY SENSITIVE AREA (ESA) FENCING (2020)	12000	\$4.90	LF	\$58,800.00	\$11.00	\$132,000.00	\$4.00	\$48,000.00	\$3.45	\$41,400.00		
133	REMOVE ESA FENCING (2020)	12000	\$4.90	LF	\$58,800.00	\$4.00	\$48,000.00	\$2.00	\$24,000.00	\$1.72	\$20,640.00		
134	UNCLASSIFIED EXCAVATION (2020)	831250	\$4.25	TON	\$3,532,812.50	\$7.70	\$6,400,625.00	\$6.00	\$4,987,500.00	\$5.85	\$4,862,812.50		
135	UNCLASSIFIED FILL (MANNING PIT) (2020)	250000	\$7.25	CY	\$1,812,500.00	\$5.80	\$1,450,000.00	\$7.50	\$1,875,000.00	\$3.70	\$925,000.00		
136	SEPARATION AND DISPOSAL OF ORGANIC MATERIAL AND DEBRIS (2020)	8313	\$45.00	TON	\$374,085.00	\$80.00	\$665,040.00	\$83.00	\$689,979.00	\$100.00	\$831,300.00		
137	TRANSPORTATION AND DISPOSAL OF MATERIAL (MANNING PIT) (2020)	415625	\$7.50	TON	\$3,117,187.50	\$11.30	\$4,696,562.50	\$14.00	\$5,818,750.00	\$17.30	\$7,190,312.50		
138	TRANSPORTATION AND DISPOSAL OF MATERIAL (SHELDON PIT) (2020)	415625	\$8.50	TON	\$3,532,812.50	\$10.20	\$4,239,375.00	\$12.60	\$5,236,875.00	\$15.60	\$6,483,750.00		
139	STREET SWEEPING (RESERVOIR HAUL ROUTE) (2020)	1440	\$67.00	HRS	\$96,480.00	\$135.00	\$194,400.00	\$142.00	\$204,480.00	\$160.00	\$230,400.00		
140	STREET SWEEPING (MANNING PIT HAUL ROUTE) (2020)	1440	\$67.00	HRS	\$96,480.00	\$135.00	\$194,400.00	\$142.00	\$204,480.00	\$160.00	\$230,400.00		
141	TIRE WASHES (2020)	2	\$55,000.00	EA	\$110,000.00	\$110,000.00	\$220,000.00	\$82,000.00	\$164,000.00	\$123,000.00	\$246,000.00		
142	PORTABLE SCALES (2020)	2	\$30,000.00	EA	\$60,000.00	\$69,000.00	\$138,000.00	\$125,000.00	\$250,000.00	\$21,000.00	\$42,000.00		
143	MOBILIZATION (2021)	1	\$125,000.00	LS	\$125,000.00	\$1,900,000.00	\$1,900,000.00	\$2,000,000.00	\$2,000,000.00	\$1,500,000.00	\$1,500,000.00		
144	ENVIRONMENTALLY SENSITIVE AREA (ESA) FENCING (2021)	12000	\$4.90	LF	\$58,800.00	\$11.00	\$132,000.00	\$4.00	\$48,000.00	\$3.45	\$41,400.00		
145	REMOVE ESA FENCING (2021)	12000	\$4.90	LF	\$58,800.00	\$4.00	\$48,000.00	\$2.00	\$24,000.00	\$1.72	\$20,640.00		
146	UNCLASSIFIED EXCAVATION (2021)	831250	\$4.50	TON	\$3,740,625.00	\$7.70	\$6,400,625.00	\$4.10	\$3,408,125.00	\$5.85	\$4,862,812.50		

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Engineer's Estimate					(5) Group OHL USA, Inc.		(6) Tutor Perini Corporation		(7) Sukut Construction, Inc.				
(1) Preliminary Bid Amount					\$91,252,707.50		\$93,757,000.00		\$98,992,436.00				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
147	UNCLASSIFIED FILL (MANNING PIT) (2021)	250000	\$7.50	CY	\$1,875,000.00	\$5.80	\$1,450,000.00	\$5.00	\$1,250,000.00	\$3.70	\$925,000.00		
148	SEPARATION AND DISPOSAL OF ORGANIC MATERIAL AND DEBRIS (2021)	8313	\$45.00	TON	\$374,085.00	\$80.00	\$665,040.00	\$83.00	\$689,979.00	\$100.00	\$831,300.00		
149	TRANSPORTATION AND DISPOSAL OF MATERIAL (MANNING PIT) (2021)	415625	\$7.75	TON	\$3,221,093.75	\$11.30	\$4,696,562.50	\$12.48	\$5,187,000.00	\$17.30	\$7,190,312.50		
150	TRANSPORTATION AND DISPOSAL OF MATERIAL (SHELDON PIT) (2021)	415625	\$8.75	TON	\$3,636,718.75	\$10.20	\$4,239,375.00	\$12.00	\$4,987,500.00	\$15.60	\$6,483,750.00		
151	STREET SWEEPING (RESERVOIR HAUL ROUTE) (2021)	1440	\$67.00	HRS	\$96,480.00	\$135.00	\$194,400.00	\$142.00	\$204,480.00	\$160.00	\$230,400.00		
152	STREET SWEEPING (MANNING PIT HAUL ROUTE) (2021)	1440	\$67.00	HRS	\$96,480.00	\$135.00	\$194,400.00	\$142.00	\$204,480.00	\$160.00	\$230,400.00		
153	TIRE WASHES (2021)	2	\$55,000.00	EA	\$110,000.00	\$110,000.00	\$220,000.00	\$82,000.00	\$164,000.00	\$123,000.00	\$246,000.00		
154	PORTABLE SCALES (2021)	2	\$30,000.00	EA	\$60,000.00	\$69,000.00	\$138,000.00	\$125,000.00	\$250,000.00	\$21,000.00	\$42,000.00		
155	MOBILIZATION (2022)	1	\$125,000.00	LS	\$125,000.00	\$1,900,000.00	\$1,900,000.00	\$500,000.00	\$500,000.00	\$1,700,000.00	\$1,700,000.00		
156	CLEARING AND GRUBBING (RESERVOIR) (2022)	14	\$3,300.00	AC	\$46,200.00	\$11,000.00	\$154,000.00	\$10,000.00	\$140,000.00	\$11,000.00	\$154,000.00		
157	ENVIRONMENTALLY SENSITIVE AREA (ESA) FENCING (2022)	12000	\$4.90	LF	\$58,800.00	\$11.00	\$132,000.00	\$4.00	\$48,000.00	\$3.45	\$41,400.00		
158	REMOVE ESA FENCING (2022)	12000	\$4.90	LF	\$58,800.00	\$4.00	\$48,000.00	\$2.00	\$24,000.00	\$1.72	\$20,640.00		
159	UNCLASSIFIED EXCAVATION (2022)	831250	\$4.75	TON	\$3,948,437.50	\$7.70	\$6,400,625.00	\$3.80	\$3,158,750.00	\$5.85	\$4,862,812.50		
160	UNCLASSIFIED FILL (MANNING PIT) (2022)	250000	\$7.75	CY	\$1,937,500.00	\$5.80	\$1,450,000.00	\$5.00	\$1,250,000.00	\$3.45	\$862,500.00		
161	SEPARATION AND DISPOSAL OF ORGANIC	8313	\$45.00	TON	\$374,085.00	\$80.00	\$665,040.00	\$83.00	\$689,979.00	\$100.00	\$831,300.00		

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(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
	MATERIAL AND DEBRIS (2022)												
162	TRANSPORTATION AND DISPOSAL OF MATERIAL (MANNING PIT) (2022)	415625	\$8.00	TON	\$3,325,000.00	\$11.30	\$4,696,562.50	\$12.60	\$5,236,875.00	\$16.25	\$6,753,906.25		
163	TRANSPORTATION AND DISPOSAL OF MATERIAL (SHELDON PIT) (2022)	415625	\$9.00	TON	\$3,740,625.00	\$10.20	\$4,239,375.00	\$12.00	\$4,987,500.00	\$15.45	\$6,421,406.25		
164	STREET SWEEPING (RESERVOIR HAUL ROUTE) (2022)	1440	\$67.00	HRS	\$96,480.00	\$135.00	\$194,400.00	\$142.00	\$204,480.00	\$160.00	\$230,400.00		
165	STREET SWEEPING (MANNING PIT HAUL ROUTE) (2022)	1440	\$67.00	HRS	\$96,480.00	\$135.00	\$194,400.00	\$142.00	\$204,480.00	\$160.00	\$230,400.00		
166	TIRE WASHES (2022)	2	\$55,000.00	EA	\$110,000.00	\$110,000.00	\$220,000.00	\$82,000.00	\$164,000.00	\$123,000.00	\$246,000.00		
167	PORTABLE SCALES (2022)	2	\$30,000.00	EA	\$60,000.00	\$69,000.00	\$138,000.00	\$125,000.00	\$250,000.00	\$21,000.00	\$42,000.00		
Unit Price Total					\$57,763,413.50	\$91,252,707.50		\$93,757,000.00		\$98,884,436.00			
(3) Local Small Business Enterprise (LSBE) Preference Amount							\$0.00	\$0.00		\$0.00			
(4) LSBE Adjusted Amount							\$91,252,707.50	\$93,757,000.00		\$98,884,436.00			
Comments													